

# Project Audit

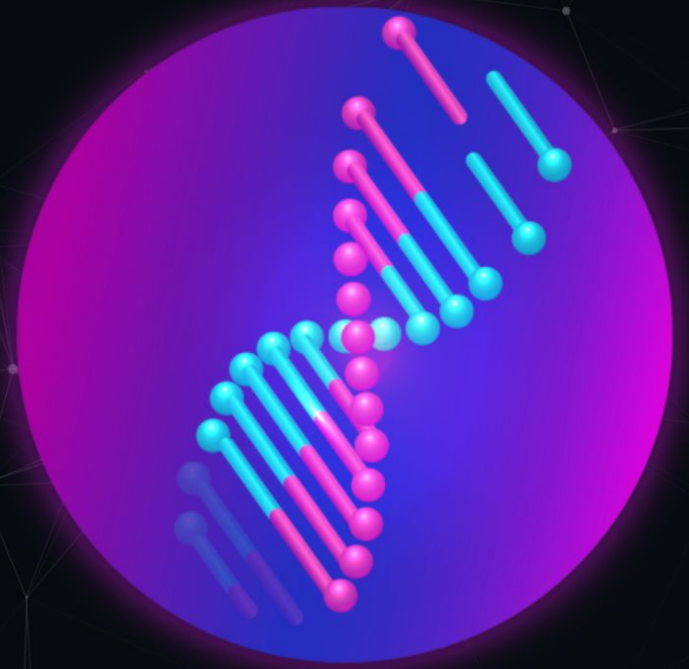
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Project:  
**Cromosom**

April 11, 2022

# CROMOSOM



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Cromosom

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## Overview

This audit has been prepared for **Cromosom** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	CROMOSOM
Ticker	CROM
Contract	0x3F9caCf725a43e67F6551da1ad7038cle1F10D67
Network	Cronos
Language	Solidity
Tax	<b>Buy: 13%</b> <b>Sell: 14%</b>
Total Supply	200,000,000
Status	Launched

## Current stats

Burn	No burned tokens
LP Address	0x717467BC288D62cc41BCA0130C3cF1Fd246DAf49
Liquidity	85 055 WCRO
MaxTxAmount	4,000,000

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

## Featured Wallets

Owner address	0xE0188d0D5A209775E7062477f3a4612d4476Eca2
LP pair	0x717467BC288D62cc41BCA0130C3cF1Fd246DAf49

## Top 3 Unlocked Wallets

Wallet 1 (1.99%)	0x5e2c89766510c25a5bc76908aef04b2cfb0e9565
Wallet 2 (1.98%)	0x04ce9afd8f590c42206e55668bc00f997971dc19
Wallet 2 (1.87%)	0xa3e14846df3ccdea3ff619ae7e52217308afe0d1



# Security Threats

Owner can change max transaction limit, but can't lower it than 0.1% of total supply.

```
function setTxLimit(uint256 amount) external authorized {  
    require(amount >= _totalSupply / 1000);  
    _maxTxAmount = amount;  
}
```

**! Owner can change buy/sell fees up to 100%.**

```
function setFees(uint256 _liquidityFee, uint256 _teamFee,  
    uint256 _marketingFee, uint256 _feeDenominator) external authorized {  
    liquidityFee = _liquidityFee;  
    teamFee = _teamFee;  
    marketingFee = _marketingFee;  
    totalFee = _liquidityFee.add(_teamFee).add(_marketingFee);  
    feeDenominator = _feeDenominator;  
}
```

# Tokenomics

## Current state

LP pair hold 3.27% of total supply.

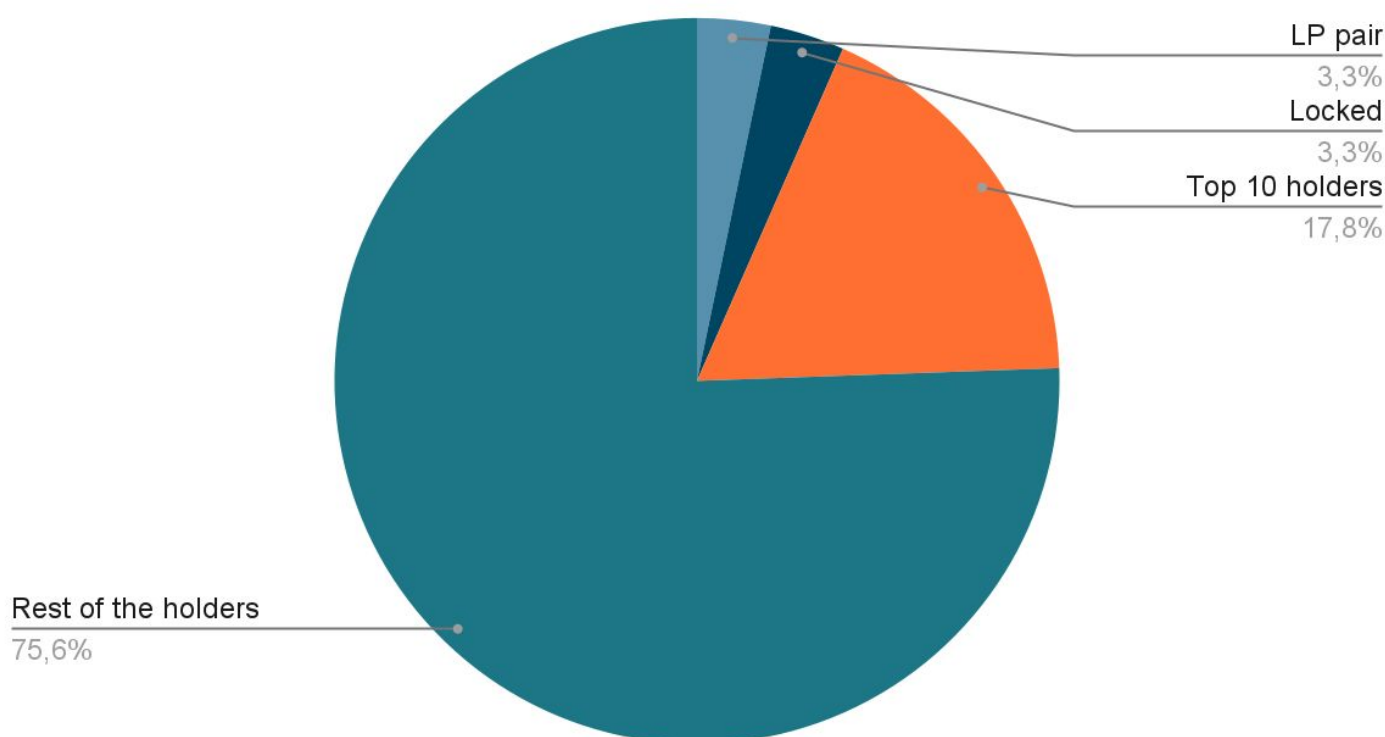
3,33% of total supply is locked, unlocks as follows:

- 1,69% unlocks at June 9, 2022
- 1,64% unlocks at April 30, 2022

⚠️ \*Top 10 holders hold 17,84% of total supply. If they sell simultaneously or in short intervals of time, this will lead to significant liquidity drain and negative price change (-85+%).

**\*Most of the wallets are funded directly by the owner.**

## Tokens distribution





# Cromosom Project & Team Review

According to their whitepaper, Cromosom project will develop as follows:

- Cross chain swap aggregator
- Cromosom pools
- Staking
- Liquidity mining
- DAO Governance – \$CROM token holders will be able to participate and vote in the governance process of the platform

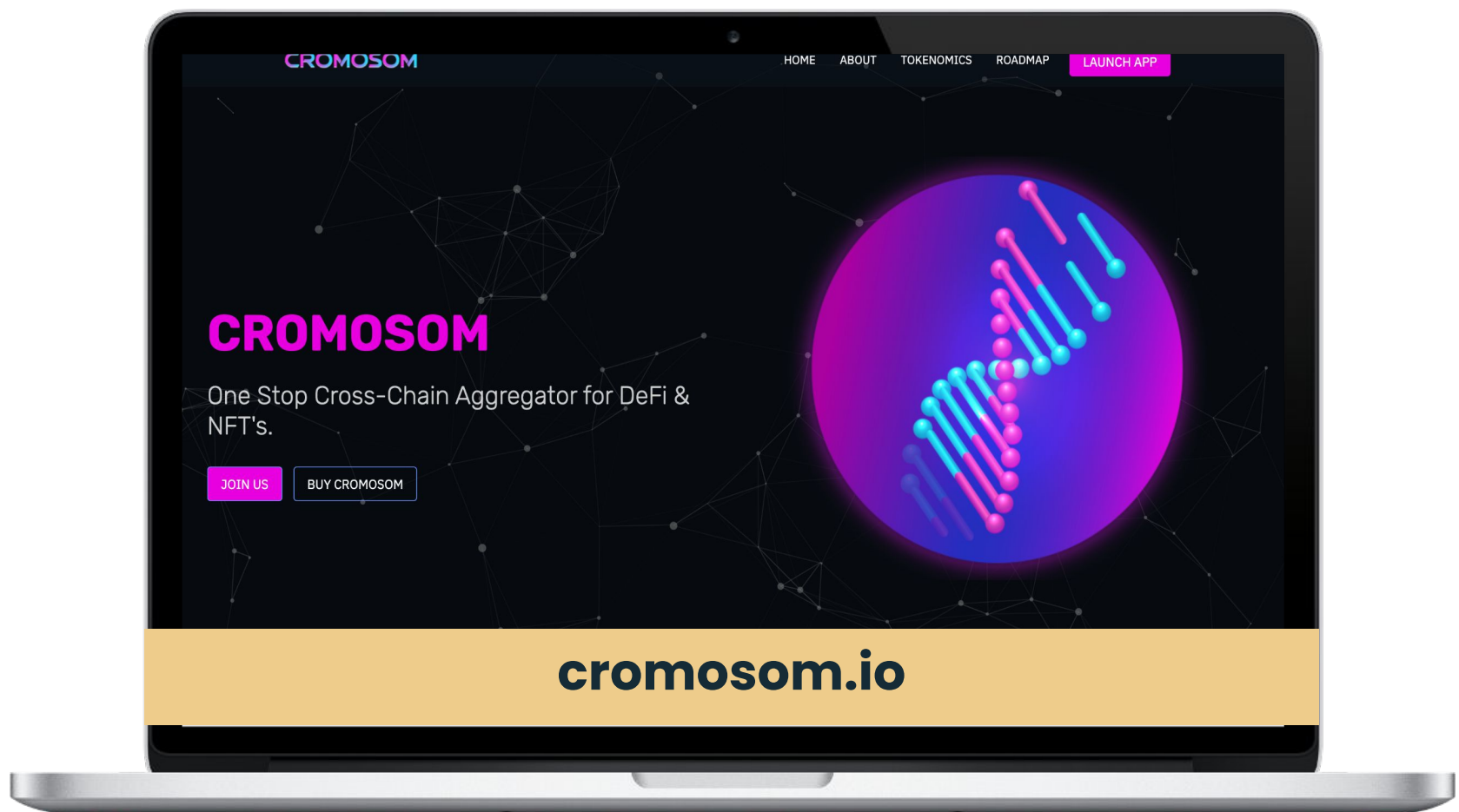
## Team:

⚠ There is no information in their socials about the team.

# Website Analysis

URL: <https://cromosom.io/>

- **Design:** Nice overall design and color scheme.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Well written and explanatory, no grammar mistakes.
- **Roadmap:** Goals set at 4 phases without timeframe.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Telegram

<https://t.me/cromosomofficial>

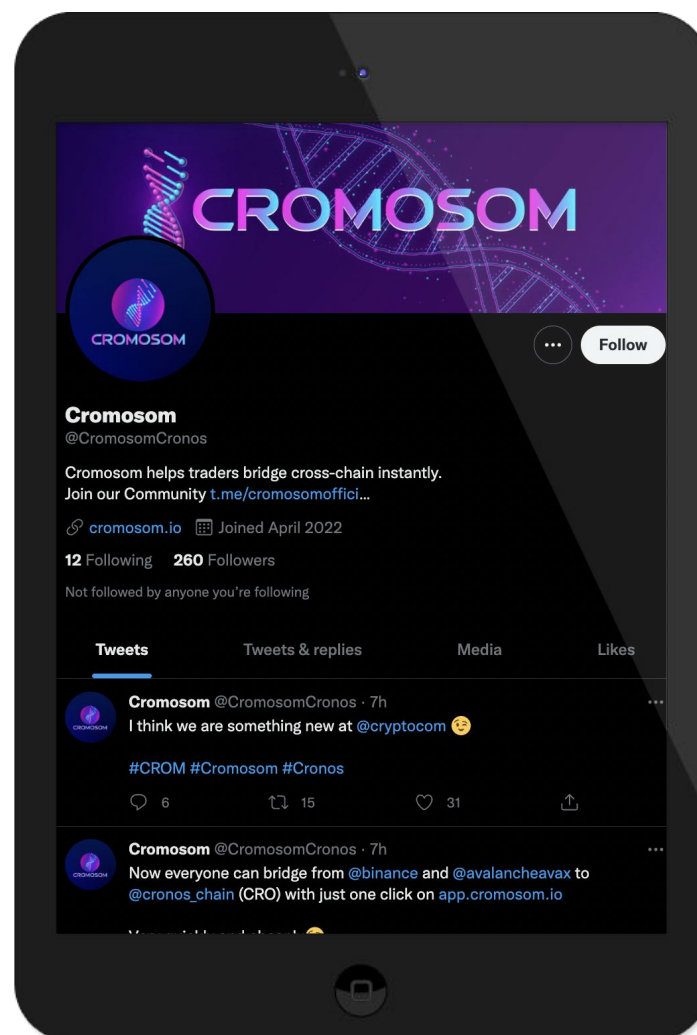
- 2 047 members
- Active members
- Active mods



## Twitter

<https://twitter.com/CromosomCronos>

- 199 Followers
- Active



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.